

CLAIM AMENDMENTS

Claims 1-12 (cancelled).

13. (New) An applicator device for a printing or varnishing unit of a processing machine, the processing machine including a printing cylinder having a cylinder channel, the applicator device comprising:

an applicator roller associated with printing cylinder, the applicator roller comprising a roller core, a compressible layer of cellular foam material arranged in concentric relation to the roller core and firmly adhered to the roller core, and an elastic cover layer for carrying a medium to be processed, the elastic cover layer being firmly adhered on the compressible layer.

14. (New) The applicator device according to claim 13, wherein the applicator roller is a moisture-applicator in contact with the printing cylinder.

15. (New) The applicator device according to claim 13, wherein the applicator roller is an ink-applicator roller in contact with the printing cylinder.

16. (New) The applicator device according to claim 15, wherein the applicator roller is one of a plurality of applicator rollers associated with the printing cylinder, and wherein a first applicator roller and a second applicator roller arranged in a rotational direction of the printing cylinder are in contact with a friction roller.

17. (New) The applicator device according to claim 13, wherein the applicator roller is a varnish-applicator roller in contact with the printing cylinder.

18. (New) The applicator device according to claim 13, wherein the compressible layer of the applicator roller is an open-pore foam material.

19. (New) The applicator device according to claim 13, wherein the compressible layer of the applicator roller is a closed-pore foam material.

20. (New) The applicator device according to claim 13, wherein the compressible layer of the applicator roller comprises a combination of open-pore and closed-pore foam materials.

21. (New) The applicator device according to claim 13, wherein the compressible layer of the foamed material includes gas inclusions.

22. (New) The applicator device according to claim 13, wherein the compressible layer is concentrically arranged on a casing and the cover layer is arranged on the compressible layer such that the compressible layer and cover layer can be pulled on the roller core as a sleeve.

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23. (New) The applicator device according to claim 13, wherein the applicator roller further includes a barrier layer arranged between the roller core and the compressible layer.

24. (New) The applicator device according to claim 22, wherein the applicator roller further includes a barrier layer arranged between the compressible layer and the casing.

25. (New) The applicator device according to claim 1, wherein the compressible layer is firmly adhered on the roller core by a first vulcanization and the cover layer is firmly adhered to the compressible layer by a second vulcanization.